

Result No.	Score	Query Match	Length DB	ID	Description
1	1943.8	98.2	143068	10	US-09-967-768A-16
2	1081.4	54.6	1083	10	US-09-131-827A-1
3	1079.8	54.6	1083	10	US-09-131-827A-19
4	704.6	35.6	1059	12	US-10-106-223A-19
5	703.4	35.5	1225	10	US-09-813-553A-14
6	703.4	35.5	1376	9	US-10-086-814A-2
7	703.4	35.5	1376	10	US-09-796-202A-2
8	703.4	35.5	1477	10	US-09-759-941A-1
9	703.4	35.5	1477	10	US-09-938-719A-2
10	703.4	35.5	1477	10	US-09-939-226A-2
11	703.4	35.5	1477	10	US-09-938-703A-2
12	703.4	35.5	3383	9	US-09-734-221A-13
13	703.4	35.5	3383	12	US-10-106-623A-1
14	701.8	35.5	1225	10	US-09-813-653A-16
15	701.8	35.5	1414	9	US-10-232-686A-1
16	701.8	35.5	1414	10	US-09-725-285A-1
17	701.8	35.5	1414	10	US-09-195-662A-1
18	701.8	35.5	1414	10	US-09-339-921A-1
19	701.8	35.5	1414	10	US-09-002-763A-1
20	700.2	35.4	1414	10	US-09-779-879A-1
21	700.2	35.4	1414	10	US-09-779-880A-1
22	697.6	35.3	1056	10	US-09-779-879A-21
23	697.6	35.3	1056	10	US-09-779-880A-21
24	683.4	34.5	1442	10	US-09-938-719A-3
25	683.4	34.5	1442	10	US-09-939-226A-3
26	683.4	34.5	1442	10	US-09-938-703A-3
27	376	19.0	792	10	US-09-938-726A-1
28	376	19.0	792	10	US-09-939-226A-1
29	376	19.0	792	10	US-09-938-703A-1
30	350.2	17.7	1689	10	US-09-931-361A-15
31	350.2	17.7	1717	10	US-09-964-824A-100
32	350.2	17.7	1915	12	US-10-106-623A-3
33	348.2	17.6	1065	9	US-09-932-895A-2
34	341	17.2	3426	9	US-10-001-835A-29
35	304	15.4	1607	9	US-10-120-394A-1
36	304	15.4	1607	9	US-09-764-413A-19
37	299	15.1	1677	10	US-09-337-446A-1
38	277.2	14.0	1318	10	US-09-917-800A-1445
39	268.4	13.6	1487	10	US-09-789-482A-3
40	268.4	13.6	1487	10	US-09-789-486A-3
41	266.8	13.5	3100	10	US-09-954-456A-67
42	266.8	13.5	3100	10	US-09-934-456A-45
43	266.8	13.5	1586	10	US-09-104-792A-1
44	261.2	13.2	1586	10	US-09-912-025A-1
45	181.6	9.2	1050	10	US-09-912-025A-1

Db	46232	CAACTCCCTCGCTCAGCTTACTCGTGGTTCACTTGGTTGTGSSCAAACATGCTG	46291	Db	47312	GTCGACTAAACAGACTATGTCACCCAATGCCATATCCAAATGTCAGGGAAATAATCC	47371		
Qy	267	GTCGCTCTGATCTTAACATGCAACTGAAAAGCTGAAGTGCTGACTGACATTACGTGCR	326	Qy	1347	AAGAAACTGTGGTAGAGCTTGAAGTCATGCCAGAAAGCTCATGCTCCTGAAATAAT	1406		
Db	46292	GTCGCTCTGATCTTAACATGCAACTGAAAAGCTGAAGTGCTGACTGACATTACGTGCR	46351	Db	47372	AAGAAACTGTGGTAGAGCTTGAAGTCATGCCAGAAAGCTCATGCTCCTGAAATAAT	4731		
Qy	327	AACTTGGCCATCCTGATCTGATCTGGTTTCTTATTAATCTCCATGTGGCTCACCTGCT	386	Qy	1407	GCCTCATTAACCTTGCTTAATCCTTCTTCTAGTCATATTCCTCACCTAACATC	1466		
Db	46352	AACTTGGCCATCCTGATCTGATCTGGTTTCTTATTAATCTCCATGTGGCTCACCTGCT	46411	Db	47432	GCCTCATTAACCTTGCTTAATCCTTCTTCTAGTCATATTCCTCACCTAACATC	47191		
Qy	387	GCAATGAGTGGCTTGTGGGAATGTCAATGTCAAATTAATCAGGGGTGTATCACATC	446	Qy	1467	TGATTCCTGTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCATC	1526		
Db	46412	GCAATGAGTGGCTTGTGGGAATGTCAATGTCAAATTAATCAGGGGTGTATCACATC	46471	Db	47492	TGATTCCTGTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCATC	47551		
Qy	447	GTTTATTTGGCGGAATCTCCTCATCCCTGACATGATGATGACCTGGCTTAT	506	Qy	1527	GCACAGATGAACTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGGAGAC	1586		
Db	46472	GTTTATTTGGCGGAATCTCCTCATCCCTGACATGATGACCTGGCTTAT	46531	Db	47552	GCACAGATGAACTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGGAGAC	47611		
Qy	507	GTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCAT	566	Qy	1587	ATGAGCATGGCTGAGCTGGCTGACAAGAACAGTGGAAAGCTCACGCATTCAGCC	1646		
Db	46532	GTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCATGTCAT	46591	Db	47612	ATGAGCATGGCTGAGCTGGAAAGCTCACGCATTCAGCCATTCAGCA	47671		
Qy	567	ATCACCTGGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	626	Qy	1647	GGAGATGATACTGGCTTAGCCCCATCTGGAGCTTAAACCTTGAAGGGTTCA	1706		
Db	46592	ATCACCTGGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	46651	Db	47672	GGAGATGATACTGGCTTAGCCCCATCTGGAGCTTAAACCTTGAAGGGTTCA	47731		
Qy	627	AAAGAAGATTCCTGCTTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	686	Qy	1707	AGTCAGGGAGAGTTGGAAACTGCAAACTGGAGTTGGAGTTGGAGTGGAGT	1766		
Db	46652	AAAGAAGATTCCTGCTTATGCTGCTGCTGCTGCTGCTGCTGCTGCT	46711	Db	47732	AGTCAGGGAGAGTTGGAAACTGCAAACTGGAGCTTAAACCTGGAGT	47791		
Qy	687	ACAAATGAGAACATTGGGTGTGCTCATCATGGCTCACCTGGCTCACCTGGCT	746	Qy	1767	TCTTTGTCATAACTGCTGATGACATAATTGCTTTATACAGTTTATATGCACCCATG	1826		
Db	46712	ACAAATGAGAACATTGGGTGTGCTCATCATGGCTCACCTGGCTCACCTGGCT	46771	Db	47792	TCTTTGTCATAACTGCTGATGACATAATTGCTTTATACAGTTTATATGCACCCATG	47851		
Qy	747	TGGGAACTCTGAAAACCTGTTCTGCTGCTGCTGCTGCTGCTGCTGCT	806	Qy	1827	CACCTACATTGAAATCTATGAAATCATGTCCTATGTCGATGTCCTAGCCA	1886		
Db	46772	TGGGAACTCTGAAAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	46831	Db	47852	CACCTACATTGAAATCATGTCCTATGTCGATGTCCTATGTCGATGTCCTAGCCA	47911		
Qy	807	AGAGTCATCTTACCATCATGATGTTACCTGCTGCTGCTGCTGCTGCT	866	Qy	1887	CATCCCCCTGCTAAAAAATCAGAAAATTTGTITATAAAAGATGCAATTATCTATGATA	1946		
Db	46832	AGAGTCATCTTACCATCATGATGTTACCTGCTGCTGCTGCTGCT	46891	Db	47912	CATCCCCCTGCTAAAAAATCAGAAAATTTGTITATAAAAGATGCAATTATCTATGATA	47971		
Qy	867	ATTCCTGTAACACCTTCCAGGAATCTCGGCTTAGTAACTGTAAAGCAGCTCAA	926	Qy	1947	TGCTPATATATGATGCAATTATAAA	1973		
Db	46892	ATTCCTGTAACACCTTCCAGGAATCTCGGCTTAGTAACTGTAAAGCAGCTCAA	46951	Db	47972	TGCTPATATATGATGCAATTATAAA	47998		
Qy	927	CTGGACCAACCCACCGCGGAGCCTGGGATGACTCTGCTGCAATCCC	986	RESULT 2					
Db	46952	CTGGACCAACCCACCGCGGAGCCTGGGATGACTCTGCTGCAATCCC	47011	; Sequence 1, Application US/09131827A					
Qy	987	ATCATCTATCCCTGCTGCAACATGCAAGCTTCTGGATGACTCTGCTGCA	1046	; Patent No. US2002038469A1					
Db	47012	ATCATCTATCCCTGCTGCAACATGCAAGCTTCTGGATGACTCTGCTGCA	47071	; GENERAL INFORMATION:					
Qy	1047	CACATCACCAAGCGCTTCAGCAACAAATGTCAGCTTCTCGCTGCTTCCGAAAG	1106	; APPLICANT: Dean, Michael					
Db	47072	CACATCACCAAGCGCTTCAGCAACAAATGTCAGCTTCTCGCTGCTTCCGAAAG	47131	; APPLICANT: O'Brien, Stephen J.					
Qy	1107	GTGACTTCACAAACACGCGCTTCAGCAACAACTGTCAGCTTCTCGCTGCTTCCGAAAG	1166	; APPLICANT: Smith, Michael					
Db	47132	GTGACTTCACAAACACGCGCTTCAGCAACAACTGTCAGCTTCTCGCTGCTTCCGAAAG	47191	; APPLICANT: Carrington, Mary					
Qy	1167	GAGGAGCACTTGTATTGTTATAAAGGAGATAACAACTGTATATAACAAACT	1226	; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A					
Db	47192	GAGGAGCACTTGTATTGTTATAAAGGAGATAACAACTGTATATAACAAACT	47251	; FILE REFERENCE: 14014_0333					
Qy	1227	TCAGGGTTGTGTAACATAAGAACCTGAACTGTCACCCAATGTCAGGGCTG	1286	; CURRENT APPLICATION NUMBER: US/09131827A					
Db	47252	TCAGGGTTGTGTAACATAAGAACCTGAACTGTCACCCAATGTCAGGGCTG	47311	; CURRENT FILING DATE: 1998-08-10					
Qy	1287	GTGACTAAACAGACTATGTCACCCAATGTCACCCAATGTCAGGGAAATAATCC	1346	; PRIOR APPLICATION NUMBER: 60/055,659					
		,	,	; PRIOR FILING DATE: 1997-08-14					
		,	,	; NUMBER OF SEQ ID NOS: 20					
		,	,	; SOFTWARE: FASTSEQ for Windows Version 4.0					
		,	,	; SEQ ID NO 1					
		,	,	; LENGTH: 1083					
		,	,	; TYPE: DNA					
		,	,	; ORGANISM: Homo sapiens					
		,	,	; FEATURE:					
		,	,	; NAME/KEY: CDS					
		,	,	; LOCATION: (1)...(1080)					
		,	,	; US-09-131-827A-1					

Qy	621	TGCCAAAGAAGATCTGTTATGGCTCGTGTGGCCCTATTTCACAGGAGTGAATAAT	680
Db	541	TGCCAAAGAAGATCTGTTATGGCTCGTGTGGCCCTATTTCACAGGAGTGAATAAT	600
Qy	681	TTCCACACATAATGAGGAACATTGGGGCTGGCTCGCGCTGTCATCATGGTCATC	740
Db	601	TTCCACACATAATGAGGAACATTGGGGCTGGCTCGCGCTGTCATCATGGTCATC	660
Qy	741	TGCTACTGGGAATCTGAAACCTGCTGGCTCGTGCACAGGAGGATAGG	800
Db	661	TGCTACTGGGAATCTGAAACCTGCTGGCTCGTGCACAGGAGGATAGG	720
Qy	801	GCAGTGAGACTCATCTTACCATCTGATGATGTTTACTCTCTTGACTCCPDATAAC	860
Db	721	GCAGTGAGACTCATCTTACCATCTGATGATGTTTACTCTCTTGACTCCPDATAAT	780
Qy	861	ATTTGTCATCTCCCTGAAACCTTCTCAGGAACTCTCGGCTGTAGTAACCTGAAANGACC	920
Db	781	ATTTGTCATCTCCCTGAAACCTTCTCAGGAACTCTCGGCTGTAGTAACCTGAAANGACC	840
Qy	921	AGTCAACTGACCAAGCAGCAAGTGACAGACTCTTGGATACTCTGTGTCATC	980
Db	841	AGTCAACTGACCAAGCAGCAAGTGACAGACTCTTGGATACTCTGTGTCATC	900
Qy	981	AATTCACATCATCTATGCCCTCGTTGGGAGACTTCAGAAGGTATCTCGGGTTCTTC	1040
Db	901	AATTCACATCATCTATGCCCTCGTTGGGAGACTTCAGAAGGTATCTCGGGTTCTTC	960
Qy	1041	CGAAGGCACATCACCAAGGGCTCTGCAAAACATGTCAGGAGTTCACAGGAGCAGTG	11000
Db	961	CGAAGGCACATCACCAAGGGCTCTGCAAAACATGTCAGGAGTTCACAGGAGCAGTG	10200
Qy	1101	GATGGAGAGCTCAACAACAGCTCCACAGTGACAGGAGTTCGGCTGTGTTA	11600
Db	1021	GATGGAGAGCTCAACAACAGCTCCACAGTGACAGGAGTTCGGCTGTGTTA	10800
Qy	1161	TAATTAACCTGTT	1163
Db	1081	TAATTAACCTGTT	1083

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REFERENCE/DOCKET NUMBER: 27866/33670
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
INFORMATION FOR SEQ ID NO: 19;
SEQUENCE CHARACTERISTICS:
LENGTH: 1059 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE: NAME/KEY: CDS
LOCATION: 1..1056
SEQUENCE DESCRIPTION: SEQ ID NO: 19;
us-10-106-623-19

Query Match          Score: 704 / 6;  DB
Best Local Similarity 81.4%; Pred. No. 1..e-20
Matches 834; Conservative 0; Mismatches 17

QY  151 TTGATTATGATTACGGTGTCTCCCTGTCTAAATTGAGCTG
Db   35 TCGAATTATTCATGGAAACCTGCACAAAATCAATCTG
QY  211 TCCGCCCTCGGTCTACTCGGTGTTGTCATCTTGTTT
Db   95 TCCGCCCTCGGTCTACTCGGTGTTGTCATCTTGTTT
QY  271 TCCCATCTTAATAACTGAAAAAGCTGAAGTGCTTGACT
Db   155 TCTCATCTGTAAACTGAAAAAGGTGAAAGCATGACT
QY  331 TGGCCATCTGTGATCGTCTTCTTATTACCTCCCATCTG
Db   215 TGGCCATCTGTGATCGTCTTCCCTCTACTGCCCTCTC
QY  391 ATGAGTGGGTCTTGGGAATGCAATGTGCAATTATTACACA
Db   275 CCCAGTGGACTTGGAAATACAATGTCAACTCTTGACACA
QY  451 ATTGGCGGAATCTCTCATCATCCTCCGACAATCAGAT
Db   335 TCTCTCTGGGAATCTCTCATCATCCTCCGACAATCAGAT
QY  511 ATCTGTGTTGCTTAAAGCAGGACGGTACCTTCTGGGG
Db   395 ATCTGTGTTGCTTAAAGCAGGACGGTACCTTCTGGGG
QY  571 CCTGGTTGGTGGTGTGTTGCTTCTGTCCTGGGAAATCATCT
Db   455 CTGGGTGGTGGTGTGTTGCTTCTCCTCCGGAAATCATCT
QY  631 AAGATTCTGTATTGTCTTAAAGTGGTCAATTCATAGCTG
Db   515 AAGTGTCTCATACCTGAGCTCATCTTCTGCTCATTCATAGCTG
QY  679 ATTCCACACAAATATGAGAACATTGGGCTCTGGTCTGGG
Db   575 ATTTCAGACATTAAAGTGGTCAATTCATGTTTCTGCTG
QY  739 TCTGCTACTCGGGAAATCCGTGAAACCTGCTTGGTGTGCAA
Db   635 TCTGCTACTCGGGAAATCCGTGAAACCTGCTTGGTGTGCAA
QY  799 GGGCAGTGTGAGTGTACATCTCACATCATGTTGTTTACITTC
Db   695 GGGCAGTGTGAGGCTTATCTCACCACATCATGTTGTTTACITTC
QY  859 ACATGTCATCTCCGACACCTCCAGGAATCTTGGCC
Db   755 ACATGTCCTCTCTGACACCTCCAGGAATCTTGGCC

```


RESULT 8
 US-09-759-841-1
; Sequence 1, Application US/09759841
; Patent No. US2010039026A1.

; GENERAL INFORMATION:
; APPLICANT: Rickett, Graham A
; DOB: Susan
; APPLICANT: Perros, Manousos
; TITLE OF INVENTION: Assay Method
; FILE REFERENCE: PC10348APME
; CURRENT APPLICATION NUMBER: US/09/759,841
; CURRENT FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: GB 0000561.9
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: GB 0000663.5
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: GB 0000659.3
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1477
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE: misc_feature
; NAME/KEY: misc_feature
; LOCATION: 1377, 1384, 1385
; OTHER INFORMATION: n is a or g or c or t/u
 US-09-759-841-1

Query Match Score 703.4; DB 10; Length 1477;
 Best Local Similarity 80.5%; Pred. No. 3.1e-201;
 Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

QY 154 ATTATGATTACGGTCTCCCGTCAATAATTGAGTGAAGCAAATTGGGCCAAACTCC 213
 Db 277 ATTATTACATCGGAGCCCTGCCAAAATCATGTGAGCCAAATCGGCCCTCC 336
 QY 214 TGCCCTCGCAGCTACTCGCTGTTGTCATCTTGTTGGCCAAACATCTGGTCGTCC 273
 Db 337 TGCCCTCGCAGCTACTCGCTGTTGTCATCTGGTCGTCC 396
 Qy 274 TCATCTTAAACTGCAAAGCTGAAGTGCTGACTGACATTAACCTGG 333
 Db 397 TCATCTTAAACTGCAAAGCTGAAGTGCTGACTGACATTAACCTGG 456

QY 334 CCATCTCTGATCTGCTTTCTTACTCTCCCATTGTCCTCACTCTGTCCTAACATG 393
 Db 457 CCATCTCTGACTGTTTCCCTTACTGTCCTCTGGCTCACATGCGCC 516
 QY 394 ACTGGGCTTTGGAAATTCATGTGCAAAATTATTCAGGGCTGTATCACATGTTATT 453
 Db 517 ACTGGGACTTTGGAAATACATGTGCAACTCTGACAGGGCCTCATTTAGGCCTCT 576
 QY 454 TGGGGAAATCTCTTCATCATCCCTCTGACAAATCGTAGATACTCGCTATGTCATG 513
 Db 577 TCTCTGAAATCTCTCATCATCCCTCCCTGACAAATCGTAGATACTCGCTGTCATG 636
 QY 514 CTGTGTTGCTTTAAACCGAGGGTCACTCTGGGTGGTGCACAGTGTACATCACCT 573
 Db 637 CGTGTGTTGCTTTGCTGCTGTCAGGTCACCTTGGGGTGGTGCACAGTGTACATC 696
 QY 574 GGTTGGGGCTGCTGTTGCTGTCAGGAAATCATCTTACTAAATGCCAGAAAGAG 633
 Db 697 GGTTGGGGCTGCTGTTGCTGTCAGGAAATCATCTTACAGATCTCAGGAAAGAG 756
 QY 634 ATTTGTTTATGCTGTGGCCATTATTCACA - - - - - CGAGGATGGAAATAAT 681
 Db 757 GTCATCATACCTGACCTGACCTCTCATTCATGTCATGTCATGAGAAATT 816
 QY 682 TCCACACATAATGAGGACATTGGGCTGGCTCATCTGGTCATCTGGCT 741
 Db 817 TCCAGACATTAANGATAGTCATCTGGGCTGGCTCTGGCTCATGTCATCT 876
 QY 742 GTACTCGGGAAATCTGTAACACCTGCTGTTGCAAACGAAAGAGGATAGGG 801.
 Db 877 GCPTCTGGAAATCTTCAACACTGTCATGTCATGTCATGTCATGAGAAATGAG 936
 QY 802 CAGTGGAGCTCATCTTCACTCATGATGTTACTCTTCTGGCTGAACTCCATAACA 861
 Db 937 CTGGAGGGCTTATCTCACCATGATGATGTTATCTCTGGCTCCPACARCA 996
 QY 862 TTGTCATCTCTGAAACACTCTGGCCCTGAGTACTCTGGCTGAAACGCCACCA 921
 Db 997 TTGTCCTCTCCCTGAGACCTCTGGGATGACTCTACTGCGCCATCA 1056
 Qy 922 GTCACTGGACCAAGCACCAGGTGACAGAGCTCTGGGATGACTCTACTGCGCCATCA 981
 Db 1057 ACAGGTGGACCAAGCTATGAGCTGAGGATCTGGGATGAGCTGCACTGCGCCATCA 1116
 Qy 982 ATCCCATCATCTTCACTCATGTCATGTCATGTCATGTCATGTCATGTCATCA 1041
 Db 1117 ACCCCATCATCTTCACTCATGTCATGTCATGTCATGTCATGTCATGTCATCA 1176
 Qy 1042 GAAAGCACATCACAGCGCTTCTGAAACAAATGTCAGGAGAGTGG 1101
 Db 1177 AAAAGACATTCAGCAACACGCTTCTGAAAGCTGTCATGTCATGTCATGTCATCA 1236
 Qy 1102 ATGGAGTGCCTCAACAAACGCCCTCCACTGGGAGGAAACTCTGGCTGGTTAT 1161
 Db 1237 AGCGAGCAACTCTTACACCGATCCACTGGGAGCAAAATCTGGGTGT 1296

RESULT 9
 US-09-759-841-2
; Sequence 2, Application US/09759841
; Patent No. US2010039026A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; APPLICANT: PARMENTIER, MARC
; APPLICANT: VASART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Knobbe, Martens, Olson & Bear
 STREET: 620 Newport Center Drive 16th Floor
 CITY: Newport Beach
 STATE: CA
 ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/938,719
 FILING DATE: 24-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/626,939
 FILING DATE: 27-JULY-2000
 ATTORNEY/AGENT INFORMATION:
 NAME: Altman, Daniel E
 REGISTRATION NUMBER: 34,115
 REFERENCE/DOCKET NUMBER: <Unknown>
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1477 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 240..1295
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-938-19-2
 Query Match Score 703.4; DB 1.0; Length 1477;
 Best Local Similarity 80.5%; Pred. No. 3.1e-201;
 Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;
 Qy 154 ATTATGATTACGGTCTACTCGTGTCAATAAATTGACCTGAAGAAATTGGGCCCAACTC 213
 Db 277 ATTATGATTACATGGAGGCCCTGCCAAAATCAATGTGAAGAAAATCAGCAGGCCGCTC 336
 Qy 214 TGCCCTCGCTTAACCTGTTACTCGTGTCACTCTTGTTGTCATCTTGTTGTCATC 273
 Db 337 TGCCCTCGCTTAACCTGTTACTCGTGTCACTCTTGTTGTCATCTTGTTGTCATC 396
 Qy 274 TCATCTTAAAAACTGCAAAAGCTGAAGCTTGTGACTGACATTACCTGTCACCTGG 333
 Db 397 TCATCTTAAAGCTGAAGGCAATGCAATCTGCACCTGACATCPACCTGTCACCTGG 456
 Qy 334 CCATCTCTGACTCTGCTTTCCTTACTCTGCTCCATTGCTGAAATGCTGCAACTC 513
 Db 457 CCATCTCTGACTCTGCTTTCCTTACTCTGCTCCATTGCTGAAATGCTGCAACTC 516
 Qy 394 AGTGGGTCTTGGGATGCAATGTCGAAATTTCACAGGCTGTATCACATCGTGTAT 453
 Db 517 AGTGGGACTCTGGAAATACTAGTCATCTGTCATCTGTCAGGGCTTATTTATAGGGTTC 576
 Qy 454 TTGGGGAACTCTCTCATGTCATCTGCAATGATACTGGTCACTCTGCTGAAATG 393
 Db 577 TCTCTGGAATCTCTCATGTCATCTGCAATGATACTGGTCACTCTGCTGAAATG 636
 Qy 514 CTGCTGTTGCTTAAAAGCAGGACGGTCACTCTGCTGCTGAAATGCTGTCACCT 573
 Db 637 CTGCTGTTGCTTAAAAGCAGGACGGTCACTCTGCTGCTGAAATGCTGTCACCT 696
 Qy 574 GCTGGGTGCTGCTTGTGCTGCTCCTCCAGGAATCATCTTACAGATCTCAAAGAAG 633
 Db 697 GGTTGGTGCCTGCTGCTTGGCTCCTCCAGGAATCATCTTACAGATCTCAAAGAAG 756

Qy 634 ATTCTGTTATGTCGCTTATTTCCTGAGGATGAAATT -CGAGGATGGAAATT 681
 Db 757 GCTCTCATACCTGCACTCTCATGTCATCTGCTGAAATGCTGTCACCT 816
 Qy 682 TCCACACAATAATGAGAACATTGGGGCTGCTGCTGCTGCTGAAATGCTGTCACCT 741
 Db 817 TCCAGACATAAGATAGTCATCTGCTGCTGCTGCTGAAATGCTGTCACCT 876
 Qy 742 GCTACTCGGAACTCTGAAACCTGCTGCTGCTGAAATGAGGATAGGG 801
 Db 877 GCTACTGGAAATCTAAAACCTGCTGCTGCTGCTGAAATGAGGACGGG 936
 Qy 802 CAGTGAAGTCACTTCACCACATGATGTTACTTCCTGACTCCCTATAACA 861
 Db 937 CTGTAAGGCTPATTCATGTCATGTTGCTGCTGCTGAAACA 996
 Qy 862 TTGTCATTCCTGAAACCTTCCAGGAATTCTGGCCCTGAGTAACCTGTAAGCACA 921
 Db 997 TTGTCATTCCTCTCTGAAACCTTCAGGAATTCTGGCTGAAATGAGGACGGG 1056
 Qy 922 GTCAACTGGCCAAGGCCACAGGTGACAGACTCTGGGATGACTGTCATCA 981
 Db 1057 ACAGGTGGACCAAGGTGACAGCTTCTGGGAGAAGTCACTGGCTCCTC 11.16
 Qy 982 ATCCCATCATCATATGCTCTGCTGTTGGGAGAAGTTCAAGGTTATCTCGGTGTTCTPC 1041
 Db 1117 ACCCCATCATCATGCTTGTGGGAGAAGTCAGAACTCAAGCTTCAAGA 1176
 Qy 1042 GAAAGACATACCAAGCGCTCTGCAAAATGCOAGTTCTACAGGGAGACGTGG 11.01
 Db 1177 AAAAGACATAGCCTAAACGCTCTGCAAAATGCTGTCATTTTCAGCAAGGGCTCCG 1236
 Qy 1102 ATGGAGTGAATCAAAACAGCCTCCACTGGGAGAAGTCTGGCTGTTAT 1161
 Db 1237 AGCGAGCAAGCTCAGTTACCCGATCCACTGGGAGAATATCTGGGCTGT 1296
 Qy 1162 AAAAGAGGAGGAGCTGATGTTGATGTT 1184
 Db 1297 GACAGGAGCTAAGGGCNGT 1319
 RESULT 10
 US-09-939-226-2
 ; Sequence 2, Application US/09939226
 ; Patent No. US2002011085A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAMSON, MICHEL
 ; PARMENTIER, MARC
 ; VASSART, GILBERT
 ; LIBERT, FREDERICK
 ; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Knobbe, Martens, Olson & Bear
 ; STREET: 620 Newport Center Drive 16th Floor
 ; CITY: Newport Beach
 ; STATE: CA
 ; COUNTRY: U.S.A.
 ; ZIP: 92660
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, version #1.25 (EPO)
 ; CURRENT APPLICATION DATA:
 ; FILING DATE: 24-Aug-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 09/626,939, 226
 ; FILING DATE: 24-Aug-2001
 ; ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E
 REGISTRATION NUMBER: 34,115
 REFERENCE/DOCKET NUMBER: <Unknown>
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1477 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE: NAME/KEY: CDS
 LOCATION: 240..1295
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-939-226-2

Query Match	35.5%	Score 703 4;	DB 10;	Length 1477;
Best Local Similarity	80.5%	Pred. No. 3..1e-201;		
Matches	840;	Conservative 0;	Mismatches 191;	
		Indels 12;	Gaps 1;	

Qy 154 ATTATGATTAAGGTGTCCTGCTCATATAATTGACGTGAGCAAAATTGGGCCCAACTCC 213
 Db 277 ATTATPATACATGGGCCCTGGCCAAAATCAATGGRACCAAATCGAACCCGCCTCC 336
 Qy 214 TGCCTCGGCTTACTGGTGTTCATCTGGTTGGTGGAAATGCTGGTGCCTCC 273
 Db 337 TGCCTCGGCTTACTGGTGTTCATCTGGTTGGTGGAAATGCTGGTGCCTCC 396
 Qy 274 TCATCTTATAAATCTGAAAAAGCTGAGTGACTGGTGTCAACCTGG 333
 Db 397 TCATCCGTAAACTGAAAGGTGAAGACATGACTGAAATCCTGTCAACCTGG 456
 Qy 334 CCATCTCTGACTGCTTTCTTATTACTCCTCCATTGTCGAAATG 393
 Db 457 CCATCTCTGACTGTTTCTCTTCTACTGRCCTCTGCTGCGCCC 516
 Qy 394 ACTGGGTGTTGGAAATGCAATGCAATTACATGGCTCACTCTGTCGAAATT 453
 Db 517 ACTGGGAGTTGGAAATCACATCCTGACATGTCACITGGTGTGATCACT 576
 Qy 454 TTGGCGGAATCTCTCATCCTGTTAAACGCCAGACGACCTTGTGCCATG 513
 Db 577 TCTCTGAAATCTCTCATCCTCTGACATGTAAGTACCTGCTGTCCTATG 636
 Qy 514 CNGTGTGTTGCTTAAAGCCAGGACGGTACCTTGGGTGACAAATGGTGTGATCACT 573
 Db 637 CTGTGTGTTGCTTAAACGCCAGACGACCTTGTGCCATGTTATGATCACT 696
 Qy 574 GGTGGGGCTGCTGTTGCTCTGTCAGGAAATCATCTTACTAATGCCAGAAAG 633
 Db 697 GGTGGGGCTGCTGTTGCTCTGCCAGGAAATCATCTTACAGGAAATGAG 756
 Qy 634 ATTCGTGTTATGCTGCTGCTTCTGCTGCTGCTGCTGCTGCTGCTGCT 681
 Db 757 GTCTTCATACACTGCGCTCTCATTCATACGTCAGTCAATCTGGAGAATT 816
 Qy 682 TCCACACATAATGAGAACATTGGGCTGCTGCTGCTGCTGCTGCT 741
 Db 817 TCCGACATTAAGATGATCATCTGGCTGCTGCTGCTGCTGCTGCT 876
 Qy 742 GCTACTCGGAATCCTGAAAACCTGCTGCGTGCAGAACGAGAAGGGCATAGG 801
 Db 877 GCTACTCGGAATCCTGAAAACCTGCTGCGTGCAGAACGAGAAGGG 936
 Qy 802 CAGTGAAGTCACCTCACCACATGATGGTACTTCTGCTGCTGCTGCT 861
 Db 937 CTGTGAGGCTTAATCTCCATCATGATGGTATTCTGCTGCTGCTGCT 996
 Qy 862 TTGTCATCTCCGTGAAACCTTCAGGAACTCTGGCTGAGTAACGTGAAAGACCA 921
 Db 997 TTGTCCTCTCCGTGAAACCTTCAGGAAATCTGGCTGAATAATGCACTA 1056
 Qy 922 GTCAACTGGACCAAGCCACGCCAGGTGACAGAGACTCTGGATGACTCATCA 981

Db 1057 ACAGGTTGGACCAACGCTATGGATGACAGACTCTGGATGACGACTGCTGATCA 1116
 Qy 982 ATCCCATCATCTATGCTTCTGGGAGAAGTTCAGAAGTATCTCGGTGTTCTCC 1041
 Db 1117 ACCCATCATCTATGCTTCTGGGAGAAGTTCAGAAGAATCTCCCTCTCC 1176
 Qy 1042 GAAAGCACATCACAAAGCGCTCTGGCAAAATGTCAGTCAAGGAGACATGG 1101
 Db 1177 AAAGCACATGCAACGCTCTGGCTGAAATCTGTTATTCAGCAGGGTCCC 1236
 Qy 1102 ATGGAGTGACTTCACAAACAGCCTCCACTGCTGAAATCTGTTATTCAGCAGGGTAT 1161
 Db 1237 AGCAGCAAGCTGATTCACCCGATCCACTGGGCTGTGT 1296
 Qy 1162 AAAACGAGGAGGAGCTTGATGT 1184
 Db 1297 GACACGGACTCAAGTGGCTGT 1319

RESULT 11
 US-0-938-703-2
 ; Sequence 2, Application US/09938703
 ; Patent No. US2002110870A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAMSON, MICHEL
 ; PARMENTIER, MARC
 ; VASSART, GILBERT
 ; LIBERT, FREDERICK
 ; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Knoobbe, Martens, Olson & Bear
 ; STREET: 620 Newport Center Drive 16th Floor
 ; CITY: Newport Beach
 ; STATE: CA
 ; COUNTRY: U.S.A.
 ; ZIP: 92660
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/938,703
 ; FILING DATE: 24-Aug-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 09/626,939
 ; FILING DATE: 2000-07-27
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Altman, Daniel E
 ; REGISTRATION NUMBER: 34,115
 ; REFERENCE/DOCKET NUMBER: <Unknown>
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1477 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: Linear
 ; MOLECULE TYPE: DNA (genomic)
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 240..1295
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 ; US-09-938-703-2
 ; Query Match Similarity 80.5%; Pred. No. 3.e-01;
 ; Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

Db	277 ATTATPATACATCGGAAAGCCCTGCAAAAAATCAATTGAAAGCAAAATGCAGCCCCGCTCC 336
Qy	214 TGCCTCGCTTACTCGCTGTGTTCATCTTGGTTGGGCAACATGCTGGTGTC 273
Db	337 TGCCTCGCTTACTCGCTGTGTTCATCTTGGTTGGGCAACATGCTGGTGTC 396
Qy	274 TCATCTTAATAAACTGCAAAAGCTGAAGGCTTGAATGACTGACATTACCTGCTCAACCTGG 333
Db	397 TCATCTGTAAACTGCAAAAGCTGAAGGCTAAGGCATGACTCACCCTGCTAACCTGG 456
Qy	334 CCATCTCTGATCTGTTTCTTATTACTCTCCATTGEGGCTACTCTGCTGCAAATG 393
Db	457 CCATCTCTGACTCTGTTTCTTCTTACTGTCCCCTGGCTACTAATGCTGCCGCC 516
Qy	394 AGTGGGCTTGGGAATGTCGAATGTCGAATTTACAGGGCTGTATCACATGGTTATT 453
Db	517 AGTGGGACTTGGAAATACATGTCAACTCTGCAACCTCTGCGCTCATTTATGCTCTT 576
Qy	454 TTGGGGAATCTTCCTTCATCCCTGCAATGATAGATACTGGTATTGCTCATGG 513
Db	577 TCTCGGAATCTTCATCCCTGCAATGATAGTTGCTCATGGCTCATGGCTCATG 636
Qy	514 CTGTGTTGCTTAAAGCCAGGGTACACCTTGGGGGGTGAACAAGTGTATCACCT 573
Db	637 CTGTTGTTGCTTAAAGCCAGGGTACCTTGGGGGGTGAACAAGTGTATCACCT 696
Qy	574 GGTTGGTGGTGTGTTGCTGCCCCAGGAATCATCTTACTAAATGCCAGAAAGAG 633
Db	697 GGCTGGTGGCTGTGTTGGCTCTCCAGGAATATCTTACAGATCTAAAGAGAG 756
Qy	634 ATTCGTTTATGTCGTGGCCCTTATTCOCA-----GAGGATGGATAATT 681
Db	757 GTCTCATATACACCTGCACTCTCATTTCCATACAGTCAGTATCAATTCTGGAAAGAATT 816
Qy	682 TCCACACATAATGAGGACATTTGGGCTGGTCATGCTGTTCTGCTCATGTTCT 741
Db	817 TCCAGACATTAAGATAGTCATCTGGGCTGGNCCTGGCTGCTCATGCTCATGCT 876
Qy	742 GCTACTCGGAATCTGAAAACCCGGTTCGCTGCTGAAACAGAACAGAGGGCTAGGG 801
Db	877 GCPACTCGGGAAATCTTAAAAACTCTGCTTCGGTGTGAAATGAGAACAGAGGG 936
Qy	802 CAGTAGAGTCATCTTACCATCATGATGTTTACTTCTCTGGACTCCCTATATACA 861
Db	937 CTGTGAGGCTTACTTCACCATCATGATGTTTATTTCTCTGGCTCCCTACACCA 996
Qy	862 TTGTCATCTCTGTAACACCTTCAGGAATTCTGGCTGACTAATCTGTAAGGACCCA 921
Db	997 TTGTCATCTCTGTAACACCTTCAGGAATTCTGGCTGATAATATGCACTGCTCA 1056
Qy	922 GTCAACTGGCAAGGCAAGGAGGTGACAGAGACTCTGGATGACTCTGTCATCA 981
Db	1057 ACAGGTGGACAAAGCTATGCAAGACTCTGGATGAGGAACTGTGCATCA 1116
Qy	982 ATCCCATCATGTCATGGCTTCGTTGGGAAAGTCAGAAGGTTCTCAGGGAGACAGTGG 1101
Db	1117 ACCCCATCATCTATGCTCTTGTGGGAAAGTCAGAAACATGCTTC 1236
Qy	1042 GAAAGCACATCCAAGCCGCTCTGCAAAACATGTCAGTTCTCAGGGAGACAGTGG 1101
Db	1177 AAAGACATGTCAGCTGCTCATTTCCGCAAGGGCTCC 1236
Qy	1102 ATGGAGTGAATCAACAAACAGGCTTCCACTGGGAGGAGTCGGCTGGTTTAT 1161
Db	1237 ACGGAGCAAGCTCAGTTACACCGATCCACTGGGAGGAGAAATCTGGCTGTG 1296
Qy	1162 AAAACGAGGAGGAGTGTGATGTT 1184
Db	1297 GACGAGGAGCAAGCTCAGTTACACCGATCCACTGGGAGGAGAAATCTGGCTGTG 1210

272	CCATCTGACCTCTTTCCTTACTGTCCCCTTGGGCTCATATGGCCCC	331
394	AGTGGGAACTCTTCACTCCATGCCAATTATTACAGGGCTGTTACATCGTTATT	453
332	AGTGGACTTGGAAATACTGGTCAACTCTTACAGGGCTCATTTAGGCCTCT	391
454	TGCGGGAACTCTTCACTCCATGCCATGCAATTGATAGATACTCGCTTATGGCTCATG	513
392	TCTGGAACTCTTCACTCCATGCCAATCTGGTCAACTCTTACAGGGCTCATG	451
514	CTGTGTTTGCTTAAAGCAGGCGGTACCTTGGGGTGTGACAAGTGTGATCACCT	573
452	CTGTTGTTGGTTAAAGCAGGCGGTACCTTGGGGTGTGACAAGTGTGATCACCT	511
574	GGTGTTGGCTGTGTTGGCTTCTGCCAGGAATCATCTTACTAAATGCCAACAAAGAG	633
512	GGTGETGGTGTGTTGGCTCCTCCAGGAATCATCTTACAGATCTCAAAAGAAG	571
634	ATTCTGTTATGTTGCCCCATTGTTCCA-----CGAGGATGAAATATT	681
572	GTCAGCATCAGCTTCCATTTCCATACAGTCAGTACAATTGGAAGATT	631
682	TCCACAAATAATGGAAACATTGGGCTGGCTCATGTCATGTCATCT	741
632	TCCAGACATTAAGATACTCATCTGGGCTGGCTCATGTCATGTCATCT	691
742	GCTACTGGGAAATCTGAAACCCCTGGTGTGCAAACGAGAAAGGCTAGGG	801
692	GCTACTGGGAAATCTGAAACCTGGTGTGCAAATGAGAAAGGGCAGGG	751
802	CAGTGGAGCATCTTACCATCAGATCTTACTCTCTGGACTCCCTATAAAC	861
752	CTGGAGCTTATCCTTACCATCAGATGTTTCTGGCTCCCTACACCA	811
862	TTGTCATTCTGACACCTTCAAGGAATTCTGGCCCTGAGTAACCTGAAAGCACC	921
812	TTGTCCTTCTGACACCTTCAAGGAATTCTGGCTGAATTGAGCTCTA	871
922	GTCACCTGGACCAAGCAGGTGACAGACTCTGGGATGACTCATGTCATCA	981
872	ACAGGTGGACCAAGTGGATGACAGACACTGGGATGACGCACTGTCATCA	931
982	ATGCCACATCTGGCAACACATTGTCAGTTCTGGGATGACTCATGTCATCA	104
932	ACCCCATCTATGGCTTGTGGGAGAATTGAAACTCTGGCTTC	991
1042	GAAAGCACATCACAAAGCCTCTGCCAAACAAATGTCAGTTCTAACGGAGACATGG	110
992	AAAGCACATCTGACACGGCTTCTGGGAGGAGGAAGCTGGCTGTTTAT	104
1102	ATGGAGTGACTCAACAAACGGCTTCCACTGGGAGGAGGAAGCTGGCTGTTTAT	116
1052	ACGGACGAAGCTTACCCGATGCACTGGGAGGAAATACTGGCTGT	111
1162	AAAGCAGGAGGAGTGGTGTGATGT	1184
1112	GACGGACTCAAGTGGCTGT	1134

RESULT 13
 S-10-106-623-1
 Sequence 1, Application US/10106623
 Patent No. US2003015088A1
 GENERAL INFORMATION:
 APPLICANT: Gray, Patrick W.
 Schwickart, Vicky L.
 REPORTER: Carol J.
 TITLE OF INVENTION: Chemokine Receptor Materials and Methods
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 STREET: 6300 Sears Tower, 233 S. Wacker Drive
 CITY: Chicago
 STATE: IL
 ZIP: 60611
 COUNTRY: US
 SEQ ID: 1
 QY 394 AGGGTCTTGGAAATGCAATTATCAAGGGTGTATCATGGTTATT 451
 Db 332 AGGGACTTGGAAATAATGGTCACCTCTGACAGGCTTATAGGCTCT 391
 QY 454 TGGCGGAATCTCTCATCCCTCTGACAATCGATAACCTGGCTATTGTCATG 513
 Db 392 TCTTGAACTCTTCATCCCTGACAATGATACTGGCTGTGTCATG 451
 QY 514 CTGTGTTGCTTTAAAGCAGGAGGTACCTTGGCTGAAAGTGATACCT 573
 Db 452 CTGTGTTGCTTTAAAGCAGGAGTCACCTTGGGGTGAAGGTGATACCT 511
 QY 574 GGTTGGTGGCTGTTGCTTGTCTGCCAGGAATCATCTTACAAATGCCAGAAAG 633

Db	512	GGTGGTGGCTGGTGTGTCCTCCAGGAATCATCTTTACCAAGATCTCAAAGAAG
QY	634	ATTCTGTTAATGTCGNGCCCTTATTTCCA-----CGAGGATGGAATAATT 681
Db	572	GTCCTGATTACACCTGAGCTCTCATTTCCATACAGTCAGTAATCTGGAAATT 631
QY	682	TCCACRAAATATGAGAACATTGGGCTGCCTGCCTGTCATGTTGTCATCTGCATCT 741
Db	632	TCCACRACATTAAGAGTAGTCATCTGGGCTGGTCCTGCCTGTCATGTCATCT 691
QY	742	GCTACUGGGATCCTGAAAACCCTGCTTCAGTATGGTTACTTCTCTGGACTCCPATAACA 801
Db	692	GCTACTGGGATCTPAAAATCTGCTGGGTGGAATGAGAAGAGGCCAGGG 751
QY	802	CAGTGAGAGTCATCTCACCATCATGATTTGTTACTTCTCTGGACTCCPATAACA 861
Db	752	CTGTGAGCTATCTCACCATCATGATTTGTTATTCCTGGGCTCCPATAACA 811
QY	862	TTGTCATTCCTGAAACCCPTCCAGAAATTCTGGCCTGAACTGTAAAGCACC 921
Db	812	TTGTCCTCTCCTGAAACCCPTCCAGAAATTCTGGCCTGAAATTCAGTAGTCCTCA 871
QY	922	GTCAACTGGACCAAGCACGAGGTGACAGACTCTGGGATGACTCTGCNGCATCA 981
Db	872	ATCCGATCATCATGCTTCAGGTTGACAGACTCTGGGATGACTCTGCNGCATCA 1041
QY	982	ACGGTTGGCCAAAGCTATGGCTTCGTTGGGAGAAGTTCAAGGTTATCTCGGTGTTCTCC 1041
Db	932	ACCCCATCATCATGGCTTGTGCGGAGAAGTCTGAGAACATCTAGTCCTCTCC 991
QY	1042	GAAGGCACATCACCAGAACATGTCAGTTCAGGAGACTCTGGGAGAAGTCTGGCTGTT 1101
Db	992	AAAGGCACGCTTCAGCTGCAACAGCTCTGGAAATCTGTTATTTCCAGAAAGGGCTCCCG 1051
QY	1102	ATGGAGTGTACTTCACAAACAGCTTCACAGCTTCACAGGGCAGGAGTCGGCTGTTAT 1161
Db	1052	AGCGAGGAGGAGCTCAGTTACACCCGTTCCACTGGGGAGCAGGAATATCTGtGGCTGT 1111
QY	1162	AAACAGGAGGAGCTGTGATTGT 1.84
Db	1112	GACAGGAGCTCAAGTGGCTGGT 11.34

Query	Match	Score	701..8;	DB	10;	Length	1225;
Best Local Matches	Similarity	80.4%	Pred. No.	8..4..-201;			
Matches	Conservative	0;	Mismatches	192;	Indels	12;	Gaps
Qy	154 ATTATGATTACCGTGTCCCTGTCATAAATTTGAGCTGAAGCAAAATTGGGCCAACACTCC	213					1;
Db	64 ATTATTAATCAGTCGGAGCCCTGCCAAAATAATTAATGTAAGRAATCCAGGCCCTCC	123					
Qy	214 TCCCTCGCTCTACTCTCGTGTCTCATCTTGTGGCCAACATGGCNGGTGCGTCC	273					
Db	124 TGCCTCGCTACTACTGTTGTCATCTTGTTGTGGCCAATCTGGTCAATCTGTCATCC	183					
Qy	274 TCATCTTAATAAATCTGAAAAAGCTGAAAGTGTGACTGACATTACTGCTCAACCTGG	333					
Db	184 TCATCCAGATAAACTGCAAAGCTGAAAGGATGACTGACATCTACCTGCTCAACCTGG	243					
Qy	334 CCATCUCCTGACATGCGTTTCTTATTAATCTCCATCTGTGGGCTCACTCTGGTCAAAATG	393					
Db	244 CCATCUCCTGACCTGTTTCCCTCTACTGCCCCCTCTGGCTCACTATGTCGCCGCC	303					
Qy	394 AGTGGGACTCTTGGAAATGCAATTGCAATGCAATGCAACTCTGTCACATCGGTATT	453					
Db	304 AGTGGGACTCTTGGAAATGCAATGCAACTCTGTCACCTTGTGAACTTGTATTAATGGCTT	363					
Qy	454 TTGGGGAAATCTTCTCTCATCATCCTCTGACAAATCGATAGATACTCTGGCTATTGTCATG	513					
Db	364 TCTCTGGAAATCTTCTCTCATCATCCTCTGACAAATCGATAGGAACTCTGGCTGTCATG	423					
Qy	514 CTGTGTTGCTTTAAAGGCCAGGACGTCACCTTGGGGTGTGACAAGTGTGATCACCT	573					
Db	424 CTGTGTTGCTTTAAAGGCCAGGAGGTACCTTGGGGTGTGACAAGTGTGATCACCT	483					
Qy	574 GTTGTGGCTGTGTTGCTCTGTCCTGTCCTGTTGGCTCTCTCCAGGAACTCTGGGCTGTCATG	633					
Db	484 GGTGTGGCTGTGTTGCTCTGTCCTGTCCTGTCATCTCCAGGAACTCTGGGCTGTCATG	543					
Qy	634 ATTCCTGTTTATGTCCTGGCCCTTATTTCCTCA-----CGAGGATGGATAATT	681					
Db	544 GTCPTCTCATTAACCCGTCCTCATTCAGTCATCTCCAGGAACTCTGGGCTGTCATG	603					
Qy	682 TCCACACATAATGAGGAACATTTGGGGTGTGCTGCGTGTCTCATATGGTCATCT	741					
Db	604 TCCAGACATAAAGTAGTCATCTGGGGTGTGCTGCGTGTCTCATATGGTCATCT	663					
Qy	742 GCTACTCGGGATCTGAAACCCCTGCTGGTGTGAAACAGAGAAAGGGCATAGGG	801					
Db	664 GCTACTCGGGATCTTAAACCTGCTGCTGCTGCTGTTGGCAATATGGAGAAAGGG	723					
Qy	802 CAGTGAGAGTCATCTTACCATCATGATGTTTACTCTTCCTCTGGACTCCCTATAACA	861					
Db	724 CTGTGAGGGTTTACCATCATGATGTTTACTCTTCCTGCTGCTGCTGCTGCTGCTA	783					
Qy	862 TGTGTCATCTCCGAACACCTTCCAGGATTTCTGGCTGAGTACTGTGAAAGCACCACCA	921					
Db	784 TTGTCCTTCTCGAGAACACCTTCCAGGATTTCTGGCTGAGTAATTCGTCATCT	843					
Qy	922 GTOAACTGACCAAGCCAGGTGACAGAGACTCTTGGATGACTCTACTGCTGTCATCA	981					
Db	844 ACAGGTGACCAAGCAAGCTATGCAAGGAGACTCTGGATGACGACTCTGGATGACGTCATCA	903					
Qy	982 ATCCCATGATCATGCTCTCGTGTGGGGAGAAGTTCAGAAGGTATCTCGGTGTTCTCC	1041					
Db	904 ACCCCATCATCPATGCTCTGGGGAGAAGTTCAGAAACTCTCTAGTCATCT	963					
Qy	1042 GAAAGCACATCCAAAGCGCTCTGCAACAAATGTCAGTTCTACAGGAGACAGTGG	1101					
Db	964 AAAAGCACATCCAAAGCGCTCTGCAAAATGTCAGTTCTACAGGAGACAGTGGCTCCG	1023					
Qy	1102 ATGGAGGAGCTCAACACCGCTTCACCTGGGAGAAGTTCACCTGGGAGTCTGCGCTGTTTAT	1161					
Db	1024 AGCGAGCAAGCTCACTTACCCGATCACTGGGAGACAGGAAATACTGTCGGCTGT	1083					
Qy	1162 AAACAGGAGGAGGAGCTTGTGTTGATGTTGATGTTGATGTTGATGTTGATGTTG	1184					

